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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/553,950	05/19/2006	Yukihiko Uchi	P28510	6546
7055 7590 11/06/2009 GREENBLUM & BERNSTEIN, P.L.C. 1950 ROLAND CLARKE PLACE RESTON, VA 20191				
EXAMINER ZALASKY, KATHERINE M				
ART UNIT 1797		PAPER NUMBER		
NOTIFICATION DATE 11/06/2009		DELIVERY MODE ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

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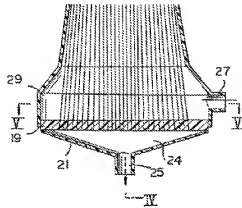
## **DETAILED ACTION**

### ***Advisory Action***

1. The amendments to the claims, submitted 29 October 2009, will not be entered as they add new structural limitations to the claims which have not been previously considered. For example, the amendment specifies that the opening ends of the bundle face the treatment liquid connection port.

### ***Response to Arguments***

2. In response to Applicant's arguments that the apparatus of Fukasawa and the present invention have different purposes, it is noted a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. The applicant has added an additional structural limitation to differentiate the invention from the prior art; however, the examiner has not yet had the opportunity to fully consider this proposed amendment. However, in a review of the prior art document, Fukasawa does disclose connection ports on the opening ends of the hollow fiber membranes and connection ports on the circumference of the hollow fiber membranes (see figure 3 below, cropped from Fukasawa, ports 27 and 25).



### ***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KATHERINE ZALASKY whose telephone number is (571) 270-7064. The examiner can normally be reached on Monday-Thursday, 7:30am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vickie Kim can be reached on (571)272-0579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Krishnan S Menon/  
Primary Examiner, Art Unit 1797

/KZ/  
3 November 2009